

5

## ABSTRACT OF THE DISCLOSURE

A tube unit of the present invention is a tube unit used for connecting internal equipment and external equipment, and includes an inner tube which lets liquid flow between the internal equipment  
5 and the external equipment, a cable including an electric wire connected to the internal equipment, and an outer tube which accommodates the inner tube and the cable. For the tube unit of the present invention, the expression "internal equipment" refers to a part of equipment, such as an artificial internal organ that can take  
10 the place of an internal organ of a living body or an artificial assist device that can assist the functioning of a living body, that is implanted in a living body, or equipment that is implanted in a living body by medical treatment. The expression "external equipment" can refer to equipment, out of equipment that is used as artificial internal  
15 organs, a ventricular assist device, or devices used in medical treatment, that is placed outside of a living body. With the tube unit of the present invention, the inner tube and the cable are enclosed within an outer tube, so that the inner tube and the cable are not directly stretched or bent due to movements of the living body or the  
20 application of an external force. This protects the inner tube from deformation and the cable from breakages. When the tube unit of the present invention is used for internal equipment such as artificial internal organs, biocompatible materials only need to be used for the outer tube and not for either of the inner tube and the cable, making  
25 the tube unit economical. Also, the tube unit of the present invention has the inner tube and outer tube accommodated in the outer tube, so that only one entry point into the living body is required, thereby minimizing the effect of such equipment on the living body.